



General Assembly

January Session, 2007

Raised Bill No. 1301

LCO No. 4754

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Referred to Committee on General Law

Introduced by:
(GL)

AN ACT CONCERNING LICENSURE FOR HEATING, PIPING, AND COOLING WORK.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. Section 20-330 of the general statutes is repealed and the
2 following is substituted in lieu thereof (*Effective July 1, 2007*):

3 As used in this chapter:

4 (1) "Contractor" means any person regularly offering to the general
5 public services of such person or such person's employees in the field
6 of electrical work, plumbing and piping work, solar work, heating,
7 piping, cooling and sheet metal work, fire protection sprinkler systems
8 work, elevator installation, repair and maintenance work, irrigation
9 work, automotive glass work or flat glass work, as defined in this
10 section;

11 (2) "Electrical work" means the installation, erection, maintenance,
12 alteration or repair of any wire, cable, conduit, busway, raceway,
13 support, insulator, conductor, appliance, apparatus, fixture or
14 equipment that generates, transforms, transmits or uses electrical

15 energy for light, heat, power or other purposes, but does not include
16 low voltage wiring, not exceeding twenty-four volts, used within a
17 lawn sprinkler system;

18 (3) "Plumbing and piping work" means the installation, repair,
19 replacement, alteration or maintenance of gas, water and associated
20 fixtures, laboratory equipment, sanitary equipment, other than
21 subsurface sewage disposal systems, fire prevention apparatus, all
22 water systems for human usage, sewage treatment facilities and all
23 associated fittings within a building and includes lateral storm and
24 sanitary lines from buildings to the mains, process piping, swimming
25 pools and pumping equipment, and includes making connections to
26 back flow prevention devices, and includes low voltage wiring, not
27 exceeding twenty-four volts, used within a lawn sprinkler system, but
28 does not include (A) solar work, except for the repair of those portions
29 of a solar hot water heating system that include the basic domestic hot
30 water tank and the tie-in to the potable water system, (B) the
31 installation, repair, replacement, alteration or maintenance of fire
32 prevention apparatus within a structure, except for standpipes that are
33 not connected to sprinkler systems, and (C) medical gas and vacuum
34 systems work. For the purposes of this subdivision, "process piping"
35 means piping or tubing that conveys liquid or gas that is used directly
36 in the production of a chemical or a product for human consumption;

37 (4) "Solar thermal work" means the installation, erection, repair,
38 replacement, alteration, or maintenance of active, passive and hybrid
39 solar systems that directly convert ambient energy into heat or convey,
40 store or distribute such ambient energy;

41 (5) "Heating, piping and cooling work" means (A) the installation,
42 repair, replacement, maintenance, operation or alteration of any
43 apparatus for piping, appliances, devices or accessories for heating
44 systems, including sheet metal work, and (B) the installation, repair,
45 replacement, maintenance, operation or alteration of air conditioning
46 and refrigeration systems, boilers, including apparatus and piping for

47 the generation or conveyance of steam and associated pumping
48 equipment and process piping. Heating, piping and cooling work does
49 not include solar work or medical gas and vacuum systems work. For
50 the purposes of this subdivision, "process piping" means piping or
51 tubing that conveys liquid or gas that is used directly in the production
52 of a chemical or a product for human consumption;

53 (6) "Apprentice" means any person registered with the Labor
54 Department for the purpose of learning a skilled trade;

55 (7) "Elevator installation, repair and maintenance work" means the
56 installation, erection, maintenance and repair of all types of elevators,
57 dumb waiters, escalators, and moving walks and all mechanical
58 equipment, fittings, associated piping and wiring from a source of
59 supply brought to the equipment room by an unlimited electrical
60 contractor for all types of machines used to hoist or convey persons or
61 materials, but does not include temporary hoisting machines used for
62 hoisting materials in connection with any construction job or project;

63 (8) "Elevator maintenance" means the lubrication, inspection and
64 replacement of controls, hoistway and car parts;

65 (9) "Fire protection sprinkler systems work" means the layout, on-
66 site fabrication, installation, alteration, maintenance or repair of any
67 automatic or manual sprinkler system designed for the protection of
68 the interior or exterior of a building or structure from fire, or any
69 piping or tubing and appurtenances and equipment pertaining to such
70 system including overhead and underground water mains, fire
71 hydrants and hydrant mains, standpipes and hose connections to
72 sprinkler systems, sprinkler tank heaters excluding electrical wiring,
73 air lines and thermal systems used in connection with sprinkler and
74 alarm systems connected thereto, foam extinguishing systems or
75 special hazard systems including water spray, foam, carbon dioxide or
76 dry chemical systems, halon and other liquid or gas fire suppression
77 systems, but does not include (A) any engineering design work
78 connected with the layout of fire protection sprinkler systems, or (B)

79 any work performed by employees of or contractors hired by a public
80 water system, as defined in subsection (a) of section 25-33d;

81 (10) "State Fire Marshal" means the State Fire Marshal or any
82 member of the Division of State Police to whom the Commissioner of
83 Public Safety has delegated powers under section 29-291;

84 (11) "Journeyman sprinkler fitter" means a specialized pipe fitter
85 craftsman, experienced and skilled in the installation, alteration,
86 maintenance and repair of fire protection sprinkler systems;

87 (12) "Irrigation work" means making the connections to back flow
88 prevention devices, and low voltage wiring, not exceeding twenty-four
89 volts, used within a lawn sprinkler system;

90 (13) "Sheet metal work" means the installation, erection,
91 replacement, repair or alteration of duct work systems, both ferrous
92 and nonferrous;

93 (14) "Journeyman sheet metal worker" means an experienced
94 craftsman skilled in the installation, erection, replacement, repair or
95 alteration of duct work systems, both ferrous and nonferrous;

96 (15) "Automotive glass work" means installing, maintaining or
97 repairing fixed glass in motor vehicles;

98 (16) "Flat glass work" means installing, maintaining or repairing
99 glass in residential or commercial structures;

100 (17) "Medical gas and vacuum systems work" means the work and
101 practice, materials, instrumentation and fixtures used in the
102 construction, installation, alteration, extension, removal, repair,
103 maintenance or renovation of gas and vacuum systems and equipment
104 used solely to transport gases for medical purposes and to remove
105 liquids, air-gases or solids from such systems;

106 (18) "Solar electricity work" means the installation, erection, repair,

107 replacement, alteration, or maintenance of photovoltaic or wind
108 generation equipment used to distribute or store ambient energy for
109 heat, light, power or other purposes to a point immediately inside any
110 structure or adjacent to an end use;

111 (19) "Active solar system" means a system that uses an external
112 source of energy to power a motor-driven fan or pump to force the
113 circulation of a fluid through solar heat collectors and which removes
114 the sun's heat from the collectors and transports such heat to a location
115 where it may be used or stored;

116 (20) "Passive solar system" means a system that is capable of
117 collecting or storing the sun's energy as heat without the use of a
118 motor-driven fan or pump;

119 (21) "Hybrid solar system" means a system that contains
120 components of both an active solar system and a passive solar system;
121 and

122 (22) "Gas hearth product work" means the installation, service or
123 repair of a propane or natural gas fired fireplace, fireplace insert, stove
124 or log set and associated venting and piping that simulates a flame of a
125 solid fuel fire. "Gas hearth product work" does not include (A) fuel
126 piping work, (B) the servicing of fuel piping, or (C) work associated
127 with pressure regulating devices, except for appliances gas valves.

This act shall take effect as follows and shall amend the following sections:		
Section 1	July 1, 2007	20-330

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Statement of Purpose:

To expand licensure requirements for heating, piping and cooling professionals to those who operate such equipment.

[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]